حل نموذج اختبار تجريبي وفق الهيكل الوزاري ريفيل

التواصل الاجتماعي بحسب الصف الخامس

روابط مواد الصف الخامس على تلغرام

التربية الاسلامية	اللغة العربية	اللغة الانجليزية	الرياضيات

المزيد من الملفات بحسب الصف الخامس والمادة رياضيات في الفصل الأول

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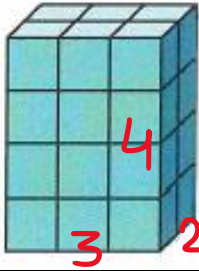
Part -1

Q.1	**What is the *volume* of the figure**						**[4 Marks]**

$$V = L \times W \times H$$
$$= 3 \times 2 \times 4$$
$$= 24$$

4
3 2
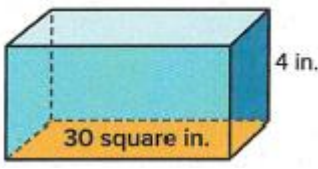
A	12 cubic units	B	26 cubic units	☑C	24 cubic units	D	30 cubic units

Q.2	**What is the *volume* of the figure**						**[4 Marks]**

$$V = B \times H$$
$$= 30 \times 4$$
$$= 120$$

4 in.

30 square in.

A	34 cubic in	B☑	120 cubic in	C	15 cubic in	D	60 cubic in

Q.3	**Which number round to *5.3* when rounded to the *nearest tenths*?**						**[4 Marks]**

$$5.25 \approx 5.3$$

A	5.38	B	5.23	C	5.16	D☑	5.25

Q.4	**What is a *reasonable estimate* for**						**[4 Marks]**

58.9 + 107.2? $\approx 59 + 107 = 166$

A	58 + 107 = 165	B	59 + 108 = 167	C☑	59 + 107 = 166	D	58 + 108 = 166

Q.5	**Subtract**						**[4 Marks]**

0.31 – 0.07 =

```
  0.31
- 0.07
──────
  0.24
```

A	0.37	B	0.36	C	0.38	D☑	0.24

1

Q.6	**Write the *addition equation* represented by the decimal grids**			**[4 Marks]**

$$0.70 + 0.53 = 1.23$$
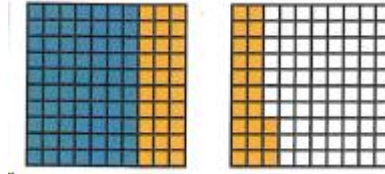
A ☑	0.70 + 0.53 = 1.23	**B**	0.70 + 0.50 = 1.20	**C**	0.70 + 0.32 = 1.03	**D**	0.70 + 0.63 = 1.33

Q.7	**What is the *product*?**	**[4 Marks]**

```
  1 4
 3 2 7
 X   6
1962
```

A ☑	1,962	**B**	1,822	**C**	1,922	**D**	1,862

Q.8	**There are 18,000 envelopes in packs of 60. How many packs of envelopes are there?** **[4 Marks]**

$$18000 \div 60 = 300$$

A	3,000	**B**	2,000	**C**	200	**D** ☑	300

Q.9	**Which expression or value is *equivalent* to 10^4** **[4 Marks]**

$$10^4 = 10 \times 10 \times 10 \times 10$$

A	1,000	**B**	10 x 4	**C** ☑	10 x 10 x 10 x 10	**D**	10+10+10+10

Q.10	**What is the *product* of** **[4 Marks]**

7.6 x 10^3 $= 7600.0$ or 7600

A ☑	7,600	**B**	76,000	**C**	760	**D**	76

Q.11	**Solve for m:**						**[4 Marks]**

533 ÷ 41 = m
m × 41 = 533

$$533$$
$$-410 \leftarrow (10 \times 41)$$
$$123$$
$$-123 \leftarrow (3 \times 41)$$
$$000$$

$$10 + 3 = 13$$

A	m = 33	B	m = 28	C	m = 23	D ☑	m = 13

Q.12	**Which equation represents the best *estimate* for**	**[4 Marks]**

367 × 29 $\approx 400 \times 30 = 12000$

A	300 x 20 = 6,000	B ☑	400 x 30 = 12,000	C	300 x 30 = 9,000	D	400 x 20 = 8,000

Q.13	**Which of the following statements is *true*?**	**[4 Marks]**

A	0.002 is 10 times 0.02
B	0.02 is $\frac{1}{10}$ of 0.002
C ☑	0.02 is 10 times 0.002
D	2 is $\frac{1}{10}$ of 0.2

$$0.02 = \boxed{10 \times} 0.002$$

Q.14	**What is the *product* of**	**[4 Marks]**

2.3 x 8.9 $= 20.47$

A	204.7	B ☑	20.47	C	2.047	D	2,047

Q.15	**Which of the following situations *measure the volume*?**	**[4 Marks]**

A	The distance around a building
B ☑	The space inside a moving truck
C	The amount of wall space covered by a poster.
D	The distance of a bike ride

Part – 2

Q.11	***Decompose*** **by** *place value* **to subtract. show your work?** **[8 Marks]**

(a) 8.57 – 2.4

    8.57 – 2 = ___**6.57**_____

    _**6.57**_____ - 0.4 = ___**6.17**___

      8.57 – 2.4 = ___**6.17**_____

(b) 5.70 – 2.08

    5.70 – 2 = ___**3.70**_____

    _**3.70**_____ - 0.08 = _**3.62**_____

      5.70 – 2.08 = ___**3.62**___

Q.12   **(a) Write the following number in** *standard form* **and** *expanded form.*

[4 Marks]

"Ninety-three and six thousandths"

Standard form: ___93.006_____

Expanded form: $90 + 3 + 0.006$

                or

          $90 + 3 + \dfrac{6}{1000}$

(b) ***Compare*** **the following decimal numbers using (<, >, =)**   **[3 Marks]**

(i) 6.55   **(>)**   **5.66**

(ii) 3.41   **(=)**   **3.41**

(iii) 2.563   **(<)**   **2.573**

By – Mukesh Shukla

| Q.13 | **(a) Each bottle holds the same amount. How much water can these bottles holds?** [3 Marks] |

1.75 L

1.75
1.75
+ 1.75
5.25 Liter

or

$$2 \quad 1$$
$$1.75$$
$$\times 3$$
$$5.25 \text{ liters}$$

(b) Tonya cuts 0.4 meter of ribbon for each gift she wraps. She wraps 6 gifts. How much ribbon does Tonya use? [4 Marks]

0.4 x 6 = 2.4 meter
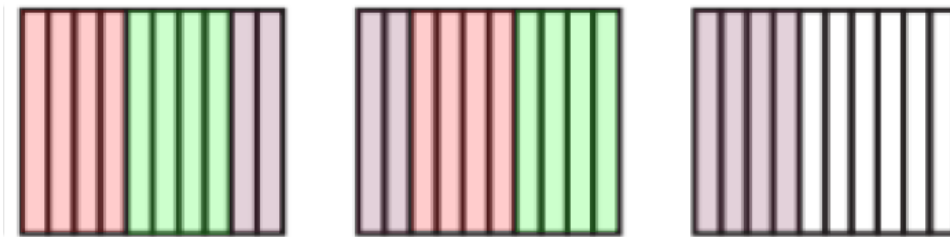
| Q.14 | **Fill in the *area model* and use *partial products* to find 38 x 63** [8 Marks] |


```
60   + 3
     ┌──────────┬──────┐
30   │  1800    │  90  │
     ├──────────┼──────┤
+    │   480    │  24  │
8    └──────────┴──────┘
```
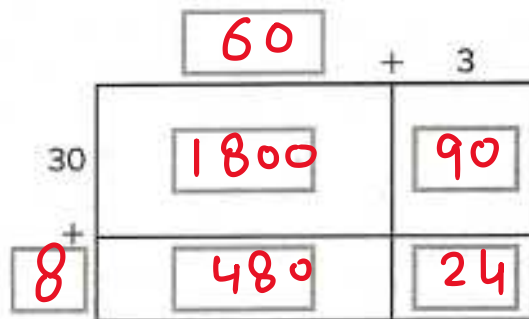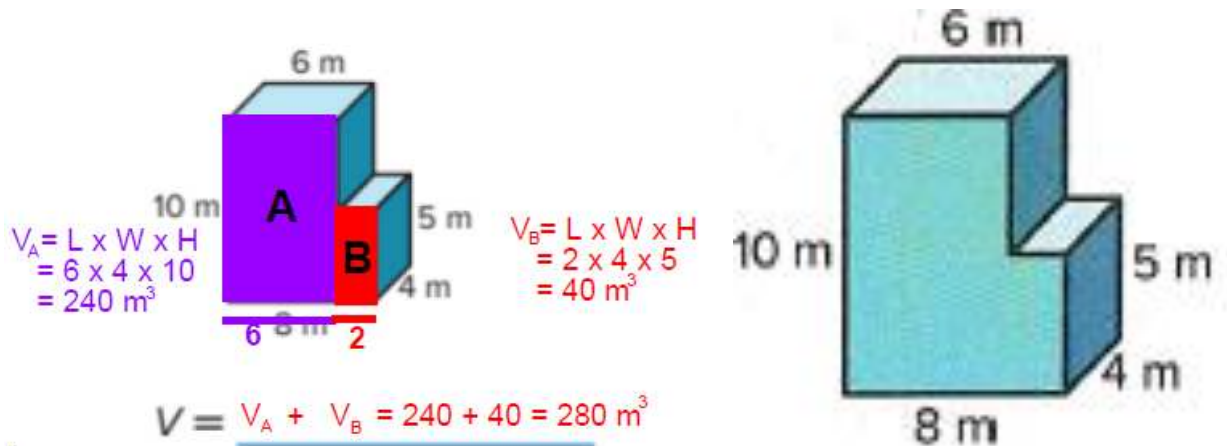
$$\overset{1\,1}{}$$
$$1800$$
$$90$$
$$480$$
$$+ \ 24$$
$$\overline{2394}$$

38 x 63 = __2394__

Q.15	**(a)What is the *volume* of the *composite figure* given below. Show your work.**
	[6 Marks]

6 m

10 m $\boxed{A}$ 5 m

$V_A = L \times W \times H$
$= 6 \times 4 \times 10$
$= 240\ m^3$

$\boxed{B}$ 4 m

$V_B = L \times W \times H$
$= 2 \times 4 \times 5$
$= 40\ m^3$

6   2

$V = V_A + V_B = 240 + 40 = 280\ m^3$

6 m

10 m

5 m

4 m

8 m

(b) A freezer, shaped like a rectangular prism, is 6 feet long, 2 feet wide, and 3 feet tall. What is the *volume* of the freezer? **[4 Marks]**

L = 6   W = 2   H = 3

V = L × W × H

= 6 × 2 × 3

= 36 cubic Feet

THE END